Weather Event Simulator
Case Study

Originating Office	:	WFO LUBBOCK
Date of Case	:	27 November 2001
Contacts	:	Loren.Phillips@noaa.gov Bernard.Meisner@noaa.gov
Weather Event	:	Winter Weather - Heavy Snow

Learning Objectives : To correctly issue and update snow forecasts for the first two periods of the forecast.

Available Data	:	KLBB base velocity and reflectivity images only, all scan angles; one-hour, three-hour and storm total precipitation images.
	:	All AWIPS model guidance fields.
	:	All AWIPS satellite imagery (Regional scale).
	:	All AWIPS point data.
	:	All AWIPS redbook graphics.

Time Period of Data : 1800 UTC November 26 to 1200 UTC November 28, 2001 (except radar data 0000-2359 UTC November 27 only)

Type of Simulation : Interval based.

Completion Time : 4-5 hours.

Additional Materials : One page Simulation Guide.

Installation : Use the CaseInstaller.tcl script to install the case specifying five (5) CDs, the appropriate directory (e.g., /data/awips) on the appropriate hard drive (e.g., /dev/sdb1). The case directory will be called 2001Nov27.

Special Instructions	:	It is not necessary to convert the case data to the DRT format for this interval-based simulation.
	:	This case includes localizations for WES versions 1.0, 1.1 and 1.2. Please "cd" to the 2001Nov05/localizationDataSets subdirectory and extract (zcat | tar -xvf -) the appropriate localization for your version of the WES software.
	:	Hard copies of relevant METARs and Daily Temperature and Precipitation Summary reports are included for verification.